



PCT

## RAW SEQUENCE LISTING

DATE: 03/22/2006

PATENT APPLICATION: US/10/522,954

TIME: 15:32:36

Input Set : A:\172345US.APP

Output Set: N:\CRF4\03222006\J522954.raw

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3 <110> APPLICANT: DAVIDSON, BEVERLY L.
4     GONZALEZ-ALEGRE, PEDRO
5     MILLER, VICTOR
6     PAULSON, HENRY
7     HARPER, SCOTT
9 <120> TITLE OF INVENTION: ALLELE-SPECIFIC SIRNA-MEDIATED GENE SILENCING
11 <130> FILE REFERENCE: 17023.045US2
13 <140> CURRENT APPLICATION NUMBER: 10/522,954
14 <141> CURRENT FILING DATE: 2005-01-31
16 <150> PRIOR APPLICATION NUMBER: PCT/US03/16887
17 <151> PRIOR FILING DATE: 2003-05-26
19 <150> PRIOR APPLICATION NUMBER: 10/430,351
20 <151> PRIOR FILING DATE: 2003-05-05
22 <150> PRIOR APPLICATION NUMBER: 10/322,086
23 <151> PRIOR FILING DATE: 2002-12-17
25 <150> PRIOR APPLICATION NUMBER: 10/212,322
26 <151> PRIOR FILING DATE: 2002-08-05
28 <160> NUMBER OF SEQ ID NOS: 55
30 <170> SOFTWARE: PatentIn Ver. 3.3
32 <210> SEQ ID NO: 1
33 <211> LENGTH: 40
34 <212> TYPE: DNA
35 <213> ORGANISM: Artificial Sequence
37 <220> FEATURE:
38 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
39     primer
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42 aaggtaccag atcttagtta ttaatagtaa tcaattacgg              40
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59 <211> LENGTH: 69
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63 <220> FEATURE:
64 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

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65     oligonucleotide
67 <400> SEQUENCE: 3
68 ctagaactag taataaagga tcctttatatt tcattggatc cgtgtgttgg ttttttgtgt 60
69 gcggccgcg                                     69
72 <210> SEQ ID NO: 4
73 <211> LENGTH: 69
74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
79     oligonucleotide
81 <400> SEQUENCE: 4
82 tcgacgcggc cgcacacaaa aaaccaacac acggatccaa tgaaaataaa ggatccttta 60
83 ttactagtt                                     69
86 <210> SEQ ID NO: 5
87 <211> LENGTH: 21
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
93     oligonucleotide
95 <400> SEQUENCE: 5
96 cacaagctgg agtacaacta c                                     21
99 <210> SEQ ID NO: 6
100 <211> LENGTH: 22
101 <212> TYPE: DNA
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104 <220> FEATURE:
105 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
106     oligonucleotide
108 <400> SEQUENCE: 6
109 gtacttgtac tccagctttg tg                                     22
112 <210> SEQ ID NO: 7
113 <211> LENGTH: 28
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117 <400> SEQUENCE: 7
118 cagcagcagc agggggacct atcaggac                                     28
121 <210> SEQ ID NO: 8
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124 <213> ORGANISM: Homo sapiens
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127 cagcagcagc agcgggacct atcaggac                                     28
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131 <211> LENGTH: 17
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:

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159 <213> ORGANISM: Homo sapiens
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162 cggcaagctg cgcatagaat tc                            22
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175 <211> LENGTH: 22
176 <212> TYPE: DNA
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188 <400> SEQUENCE: 14
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193 <211> LENGTH: 22
194 <212> TYPE: DNA
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202 <211> LENGTH: 22
203 <212> TYPE: DNA
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207 ctgtcctgat aggtcccgt gc                            22

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222 <213> ORGANISM: Homo sapiens
224 <400> SEQUENCE: 18
225 ctgataggtc cccctgctgc                20
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233 <400> SEQUENCE: 19
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239 <212> TYPE: DNA
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243 ctgtcctgat aggtccggct gc            22
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249 <213> ORGANISM: Homo sapiens
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256 <211> LENGTH: 20
257 <212> TYPE: DNA
258 <213> ORGANISM: Homo sapiens
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267 <213> ORGANISM: Homo sapiens
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270 ttgaaaaaca gcagcaaaag c            21
273 <210> SEQ ID NO: 24
274 <211> LENGTH: 21
275 <212> TYPE: DNA
276 <213> ORGANISM: Homo sapiens
278 <400> SEQUENCE: 24
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283 <211> LENGTH: 22
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285 <213> ORGANISM: Homo sapiens
287 <400> SEQUENCE: 25
288 cagcagcagc agcagcagca gc 22
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292 <211> LENGTH: 22
293 <212> TYPE: DNA
294 <213> ORGANISM: Homo sapiens
296 <400> SEQUENCE: 26
297 ctgctgctgc tgctgctgct gc 22
300 <210> SEQ ID NO: 27
301 <211> LENGTH: 22
302 <212> TYPE: DNA
303 <213> ORGANISM: Homo sapiens
305 <400> SEQUENCE: 27
306 tcgaagtgat ggaagatcac gc 22
309 <210> SEQ ID NO: 28
310 <211> LENGTH: 22
311 <212> TYPE: DNA
312 <213> ORGANISM: Homo sapiens
314 <400> SEQUENCE: 28
315 cagcgtgata ttccatcact tc 22
318 <210> SEQ ID NO: 29
319 <211> LENGTH: 22
320 <212> TYPE: DNA
321 <213> ORGANISM: Homo sapiens
323 <400> SEQUENCE: 29
324 cagccgggag tcgggaaggt gc 22
327 <210> SEQ ID NO: 30
328 <211> LENGTH: 22
329 <212> TYPE: DNA
330 <213> ORGANISM: Homo sapiens
332 <400> SEQUENCE: 30
333 ctgcaccttc ccgactcccgc gc 22
336 <210> SEQ ID NO: 31
337 <211> LENGTH: 24
338 <212> TYPE: DNA
339 <213> ORGANISM: Homo sapiens
341 <400> SEQUENCE: 31
342 acgtcctcgc cggcggcagt gtgc 24
345 <210> SEQ ID NO: 32
346 <211> LENGTH: 24
347 <212> TYPE: DNA
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350 <400> SEQUENCE: 32
351 ttgcacactg ccgcctccgc ggac 24
354 <210> SEQ ID NO: 33
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**VERIFICATION SUMMARY**

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